

For Research Use Only

ATXN1 Polyclonal antibody

Catalog Number: 27265-1-AP



Basic Information

Catalog Number:

27265-1-AP

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26099

GenBank Accession Number:

NM_000332

GeneID (NCBI):

6310

UNIPROT ID:

P54253

Full Name:

ataxin 1

Calculated MW:

87 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

Background Information

Ataxin-1 (ATXN1) is a protein involved in transcriptional regulation and RNA binding. It is a transcriptional repressor that interacts with multiple transcription factors and is associated with large protein complexes. ATXN1 is also involved in the regulation of alternative splicing, as demonstrated by its ability to regulate the splicing of several minigenes. The protein is crucial for normal cerebellar function and is implicated in the pathogenesis of spinocerebellar ataxia type 1 (SCA1), a neurodegenerative disorder caused by the expansion of a polyglutamine tract in ATXN1 (PMID: 21475249; 20628574).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

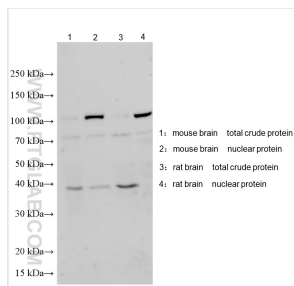
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27265-1-AP (ATXN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.